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**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	09/881500
Filing Date	6/14/2001
First Named Inventor	Gravano
Art Unit	2171
Examiner Name	
Attorney Docket Number	163192.01

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

38991

☒ Please change the correspondence address for the above-identified application to:

☐ The address associated with  
Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Microsoft Corporation				
Address	Patent Group Docketing				
Address	One Microsoft Way				
City	Redmond	State	WA	Zip	98052
Country	USA				
Telephone	425-706-8080	Fax	425-936-7329		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name	D. Bartley Eppenaue		
Signature			
Date	8-24-04	Telephone	425-703-0645

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of 3 forms are submitted.

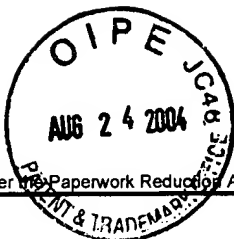
This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Technology Center 2100

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Microsoft CorporationApplication No./Patent No.: 09/881500 Filed/Issue Date: 10/14/2001Entitled: A Method of BUILDING Multidimensional Workload-Aware HistogramsMicrosoft Corporation, a WASHINGTON Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 0119110, Frame 046060, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
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The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

08-24-04  
Date425-703-0645  
Telephone numberD. Bartley EPPENAUER  
Typed or printed name  
[Signature]  
SignatureAssistant Secretary  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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Washington, D.C. 20231

AUGUST 31, 2001

PTAS  
WATTS, HOFFMANN, FISHER & HEINKE CO  
JENNIFER NOCK HINTON  
1100 SUPERIOR AVE. SUITE 1750  
CLEVELAND, OHIO 44114

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SEP 06 2001



\*101759940A\*

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WATTS, HOFFMANN, FISHER & HEINKE

AUG 30 2004

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

Technology Center 2100

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/14/2001

REEL/FRAME: 011916/0466  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
CHAUDHURI, SURAJIT

DOC DATE: 06/08/2001

ASSIGNOR:  
BRUNO, NICOLAS

DOC DATE: 06/07/2001

ASSIGNOR:  
GRAVANO, LUIS

DOC DATE: 06/11/2001

ASSIGNEE:  
MICROSOFT CORPORATION  
ONE MICROSOFT WAY  
REDMOND, WASHINGTON 98052

SERIAL NUMBER: 09881500  
PATENT NUMBER:

FILING DATE: 06/14/2001  
ISSUE DATE:

011916/0466 PAGE 2

DIANE RUSSELE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06-26-2001



101759940  
**RECORDATION FORM COVER  
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FORM PTO-1595  
 (Modified)

U.S. DEPARTMENT OF COMMERCE  
 Patent and Trademark Office  
 15-847 - 4254

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies): Surajit Chaudhuri, Nicolas Bruno & Luis Gravano <i>MRS 6-14-01</i>	2. Name and address of receiving party(ies): Microsoft Corporation One Microsoft Way Redmond, WA 98052
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: <u>June 8, 2001, June 7, 2001 and June 11, 2001, respectively</u>	<i>239152195145</i> This paper is being deposited with the U.S. Patent and Trademark Office as Express Mail addressed to the Commissioner for Patents, Washington, D.C. 20231 <i>6/14/01</i> <i>Robert Butts</i>

4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the application is: June 8, 2001, June 7, 2001 and June 11, 2001

A. Patent Application No(s): <i>09881500</i>	B. Patent No(s):
---	------------------

5. Name and address of party to whom correspondence concerning document should be mailed:  Jennifer Nock Hinton WATTS, HOFFMAN, FISHER & HEINKE CO., L.P.A. 1100 Superior Ave., Ste. 1750 Cleveland, Ohio 44114	6. Total number of applications and patents involved: <u>1</u>
	7. Total fee (37 C.F.R. §§ 1.21(h), 3.41): <u>\$ 40.00</u> <input checked="" type="checkbox"/> Enclosed. <input type="checkbox"/> Authorized to be charged to deposit account. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit any overpayment or to charge any fee deficiencies under 37 C.F.R. § 1.21(h) to our deposit account.
	8. Deposit account number: <u>23-0630</u>

DO NOT USE THIS SPACE

9. Statement and signature.  
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jennifer Nock Hinton Reg. No. 47,653  
 Name of Person Signing

*Jennifer Nock Hinton*  
 Signature

June 14, 2001  
 Date

Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks  
 BOX ASSIGNMENTS  
 Washington, D.C. 20231

JC971 U.S. PTO  
 09/881500



06/26/2001 TDIAZ1

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01 FC:531

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number .....  
Filing Date ..... concurrently herewith  
Inventorship ..... Surajit Chaudhuri et al.  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. .... 15-847  
Title: A METHOD OF BUILDING MULTIDIMENSIONAL WORKLOAD-AWARE  
HISTOGRAMS

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

**Assignor(s):**

Surajit Chaudhuri  
14909 N.E. 75<sup>th</sup> Court, Redmond, WA 98052

Nicolas Bruno  
542 West 112<sup>th</sup> Street, Apt. 6H, New York, NY 10025

Luis Gravano  
21 Claremont Avenue, Apt. 1F, New York, NY 10027

**Assignee:**

Microsoft Corporation  
Corporation in the State of Washington  
One Microsoft Way  
Redmond, WA 98052

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled  
"A Method of Building Multidimensional Workload-Aware Histograms," as described  
and claimed in the specification forming part of an application for United States letters  
patent referenced above;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

6/8/20 01  
Date

Surajit Chaudhuri  
Surajit Chaudhuri

6-7-01  
Date

Nicolas Bruno  
Nicolas Bruno

          
Date

          
Luis Gravano



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number .....  
Filing Date..... concurrently herewith  
Inventorship ..... Surajit Chaudhuri et al.  
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Attorney's Docket No. .... 15-847  
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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

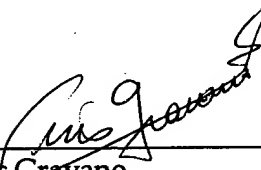
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Date

\_\_\_\_\_  
Surajit Chaudhuri

\_\_\_\_\_  
Date

\_\_\_\_\_  
Nicolas Bruno

6/11/2001  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Luis Gravano